

JAN 2 1995

W

INCH-POUND

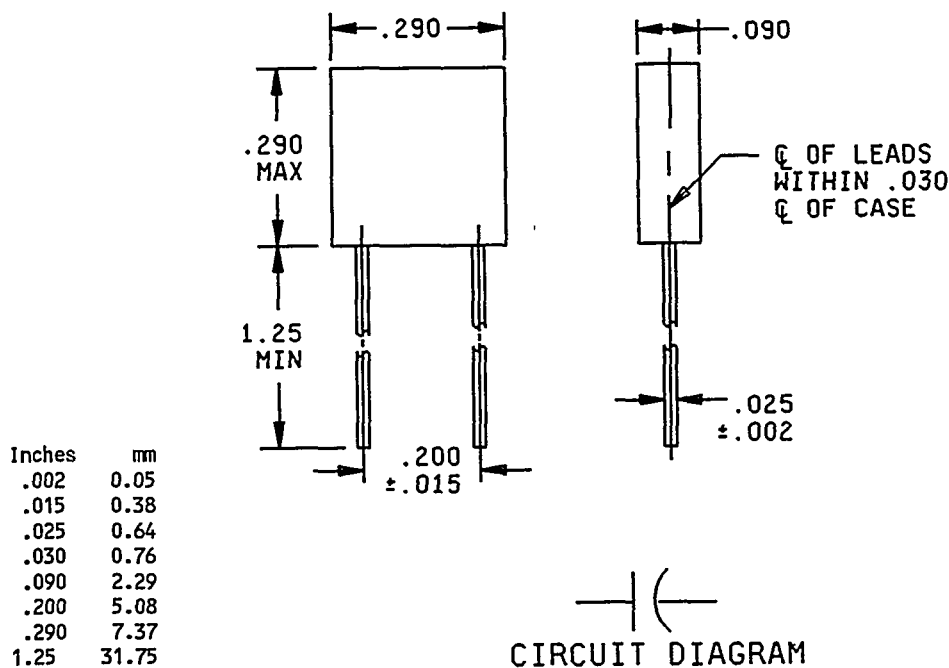
MIL-C-123/2C
28 September 1994
SUPERSEDING
MIL-C-123/2B
25 February 1987

MILITARY SPECIFICATION SHEET

CAPACITORS, FIXED, CERAMIC DIELECTRIC,
(TEMPERATURE STABLE AND GENERAL PURPOSE),
HIGH RELIABILITY, LEADED,
STYLE CKS06

This specification sheet is approved for use by all
Departments and Agencies of the Department of Defense.

The requirements for acquiring the capacitors described herein shall consist
of this specification sheet and the issue of the following specification listed
in that issue of the Department of Defense Index of Specifications and Standards
(DODISS) specified in the solicitation: MIL-C-123.



NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information.
3. Unless otherwise specified tolerance is $\pm .010$ (0.25 mm).

FIGURE 1. Style CKS06 capacitors.

(C) denotes changes

AMSC N/A

1 of 3

FSC 5910

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.



USA Information Systems, Inc.
(757)491-7525 / (800)872-8830
www.usainfo.com

MIL-C-123/2C

TABLE I. Style CKS06 characteristics.

Part or Identifying 1/ Number (PIN)	Capacitance	Capacitance tolerance	Voltage- temperature limits	Rated voltage
	<u>pF</u>			<u>volts</u>
M123A02BPC271-C	270	FJK	BP	100
M123A02BPC301-C	300	"	"	"
M123A02BPC331-C	330	"	"	"
M123A02BPC361-C	360	"	"	"
M123A02BPC391-C	390	"	"	"
M123A02BPC431-C	430	"	"	"
M123A02BPC471-C	470	"	"	"
M123A02BPC511-C	510	"	"	"
M123A02BPC561-C	560	"	"	"
M123A02BPC621-C	620	"	"	"
M123A02BPC681-C	680	"	"	"
M123A02BPC751-C	750	"	"	"
M123A02BPC821-C	820	"	"	"
M123A02BPC911-C	910	"	"	"
M123A02BPC102-C	1000	"	"	"
M123A02BPC112-C	1100	"	"	"
M123A02BPC122-C	1200	"	"	"
M123A02BPC132-C	1300	"	"	"
M123A02BPC152-C	1500	"	"	"
M123A02BPC162-C	1600	"	"	"
M123A02BPC182-C	1800	"	"	"
M123A02BPC202-C	2000	"	"	"
M123A02BPC222-C	2200	"	"	"
M123A02BPC242-C	2400	"	"	"
M123A02BPB272-C	2700	"	"	50
M123A02BPB302-C	3000	"	"	"
M123A02BPB332-C	3300	"	"	"
M123A02BPB362-C	3600	"	"	"
M123A02BPB392-C	3900	"	"	"
M123A02BPB432-C	4300	"	"	"
M123A02BPB472-C	4700	"	"	"
M123A02BXC562KC	5600	K	BX	100
M123A02BXC682KC	6800	"	"	"
M123A02BXC822KC	8200	"	"	"
M123A02BXC103KC	10,000	"	"	"
M123A02BXC123KC	12,000	"	"	"
M123A02BXC153KC	15,000	"	"	"
M123A02BXC183KC	18,000	"	"	"
M123A02BXC223KC	22,000	"	"	"
M123A02BXC273KC	27,000	"	"	"
M123A02BXC333KC	33,000	"	"	"
M123A02BXC393KC	39,000	"	"	"

See footnote at end of table.

TABLE I. Style CKS06 characteristics - Continued.

PIN 1/	Capacitance	Capacitance tolerance	Voltage-temperature limits	Rated voltage
	<u>pF</u>			<u>volts</u>
M123A02BXC473KC	47,000	K	BX	100
M123A02BXC563KC	56,000	"	"	"
M123A02BXC683KC	68,000	"	"	"
M123A02BXC823KC	82,000	"	"	"
M123A02BXC104KC	100,000	"	"	"
M123A02BXB563KC	56,000	"	"	50
M123A02BXB683KC	68,000	"	"	"
M123A02BXB823KC	82,000	"	"	"
M123A02BXB104KC	100,000	"	"	"
M123A02BXB124KC	120,000	"	"	"
M123A02BXB154KC	150,000	"	"	"
M123A02BXB184KC	180,000	"	"	"
M123A02BXB224KC	220,000	"	"	"
M123A02BXB274KC	270,000	"	"	"
M123A02BXB334KC	330,000	"	"	"
M123A02BXB394KC	390,000	"	"	"
M123A02BXB474KC	470,000	"	"	"

1/ The complete PIN will include a symbol to indicate capacitance tolerance, if applicable.

REQUIREMENTS:

Dimensions and configuration: See figure 1.

Case type: Molded or preform.

Ⓒ Lead wire: Termination C in accordance with MIL-C-123.

Capacitance value: See table I.

Capacitance tolerance: See table I.

Operating temperature: -55°C to +125°C.

Voltage rating: See table I.

Marking: In accordance with MIL-C-123, example 2.

CONCLUDING MATERIAL

Custodians:

Air Force - 19
NASA - NA

Review activities:

Army - ER
Navy - EC
Air Force - 85
DLA - ES

Preparing activity:
NASA - NA

Agent:
DLA - ES

(Project 5910-1891-02)